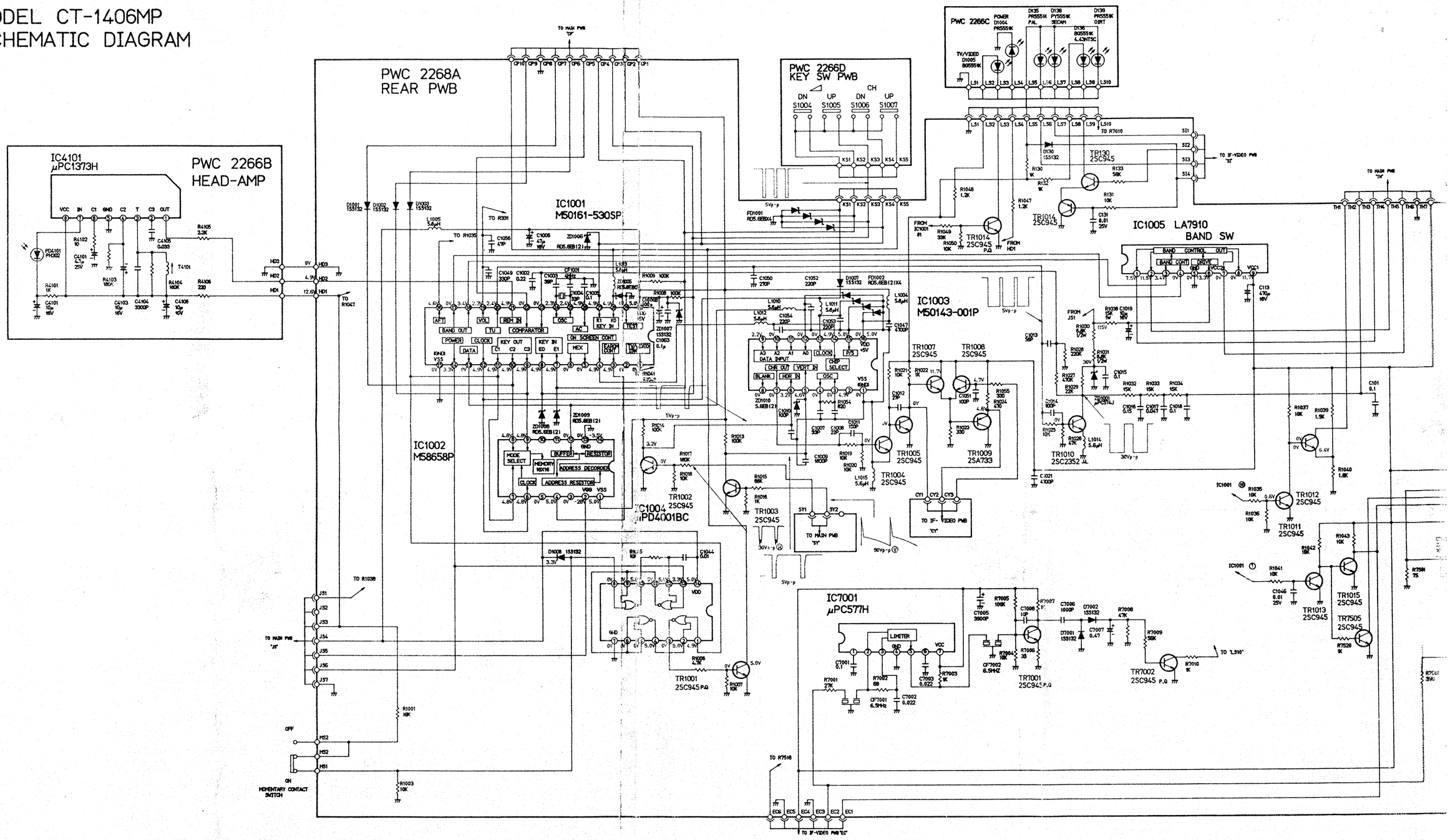
NEC

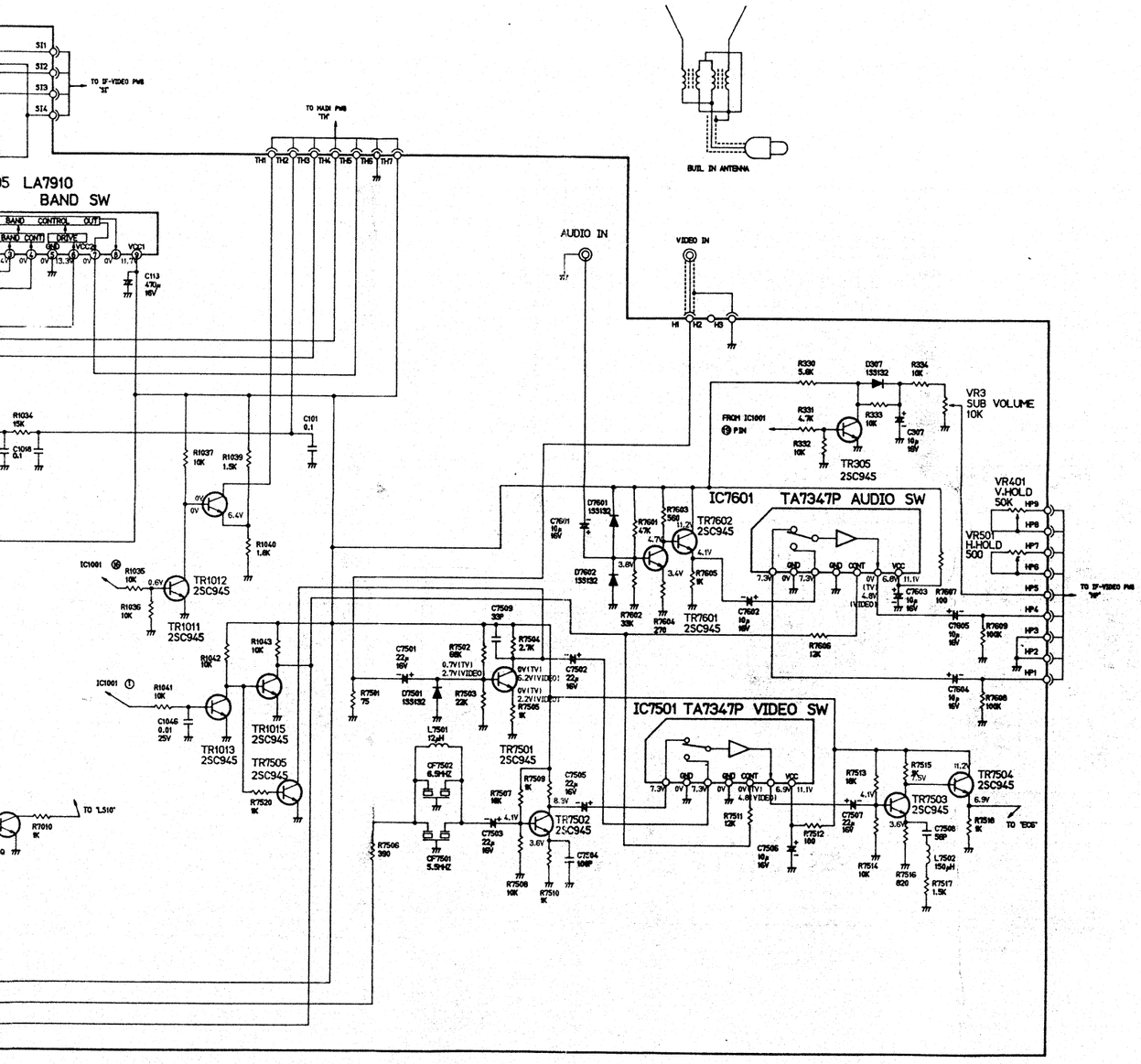
SOLID STATE COLOUR TV

SERVICE MANUAL

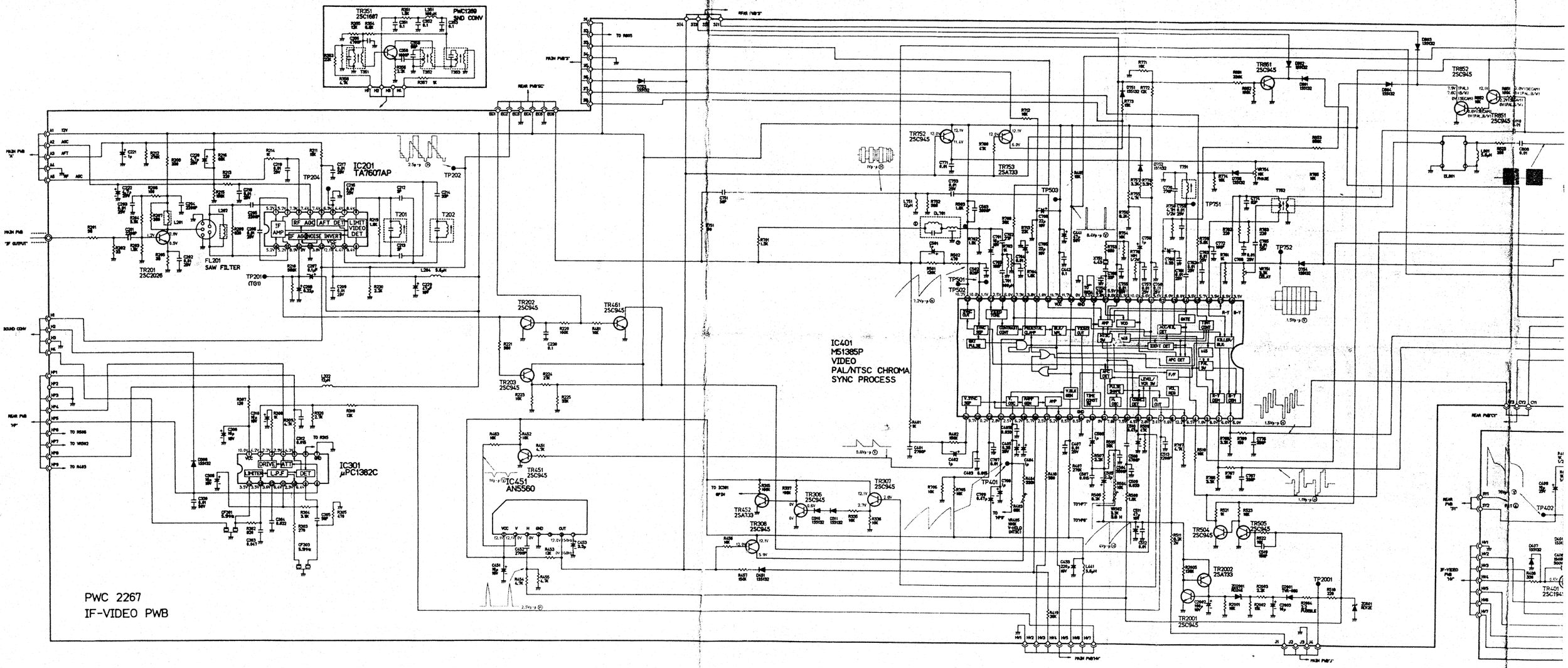
TELEVISOR NEC

MODEL CT-1406MP
SCHEMATIC DIAGRAM




ST1
ST2
ST3
ST4
TO IF-VIDEO PWB "ST"
TO MAIN PWB "TH"
TH1 TH2 TH3 TH4 TH5 TH6 TH7
BUIL IN ANTENNA
LA7910
BAND SW
BAND CONTROL OUT
BAND CONT DRIVE
GND VCC2 VCC1
C113 470μ 16V
AUDIO IN
VIDEO IN
H1 H2 H3
R330 5.6K
D307 1S3132
R334 10K
VR3 SUB VOLUME 10K
FROM IC1001 ⑭ PIN
R331 4.7K
R333 10K
R332 10K
C307 10μ 16V
TR305 2SC945
IC7601 TA7347P AUDIO SW
VR401 V.HOLD 50K
VR501 H.HOLD 500
HP9 HP8 HP7 HP6 HP5 HP4 HP3 HP2 HP1
TO IF-VIDEO PWB "HP"
D7601 1S3132
C7601 10μ 16V
R7603 560
R7601 47K
TR7602 2SC945
R7602 33K
R7604 270
TR7601 2SC945
R7605 1K
C7602 10μ 16V
C7603 10μ 16V
R7607 100
R7606 12K
C7605 10μ 16V
R7609 100K
C7604 10μ 16V
R7608 100K
IC1001 ⑯
R1035 10K
TR1012 2SC945
R1036 10K
R1034 15K
C1018 0.1
R1037 10K
R1039 1.5K
C101 0.1
R1040 1.8K
R1043 10K
R1042 10K
IC1001 ①
R1041 10K
C1046 0.01 25V
TR1015 2SC945
TR1013 2SC945
TR7505 2SC945
R7520 1K
TO "L510"
R7010 1K
C7509 33P
C7501 22μ 16V
R7502 68K
R7504 2.7K
C7502 22μ 16V
R7501 75
D7501 1S3132
R7503 22K
R7505 1K
L7501 12μH
TR7501 2SC945
CF7502 6.5MHZ
CF7501 5.5MHZ
R7509 1K
C7505 22μ 16V
R7507 10K
TR7502 2SC945
C7503 22μ 16V
R7508 10K
R7510 1K
C7504 100P
R7506 390
IC7501 TA7347P VIDEO SW
R7513 10K
R7515 1K
TR7503 2SC945
TR7504 2SC945
C7507 22μ 16V
R7514 10K
R7516 820
C7508 56P
L7502 150μH
R7517 1.5K
R7511 12K
R7512 100
C7506 10μ 16V
TO "EOS"

MODEL CT-1406MP
SCHEMATIC DIAGRAM



SAVE THIS SCHEMATIC DIAGRAM FOR LATER SERVICE.

RUN NO.1

PWC 2268B
VIDEO CRT PWB

PWC 2266A
MAIN PWB

PWC 2266E

IC801
M51397AP
SECAM CHROMA

IC601
SI-8001D

IC602
μPD4013BC
PROTECTOR

IC302
μPC575C2

IC651
PC78M05H

CRT 370KAR23PY

DEFLECTION YOKE

TR403 2SD415
TR402 2SB549
TR501 2SC2688
TR502 2SD1426
TR601 2SD1858
TR602 2SC945
TR603 2SC2603
TR606 2SC945
TR607 2SC945
TR608 2SA733
TR609 2SA733
TR610 2SC1573B
TR651 2SC1984
TR652 2SB536
TR653 2SC2002
TR654 2SC945
TR655 2SA733

T502 F.B.T.

CT-1406MP
78079001